

ABSTRACT OF DISCLOSURE

A method and apparatus are provided for resizing an image using an inverse discrete cosine transform (IDCT). A macro block of an original source image is enlarged to an arbitrary size using the inverse discrete cosine transform after the encoding type of the macro block is converted so that the macro block and the original source image have the same encoding type. Consequently, the original source image is always enlarged naturally in a digital video apparatus such as a digital broadcast receiver or an HD-TV.